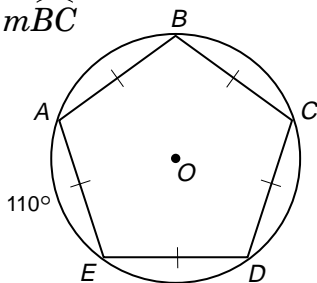
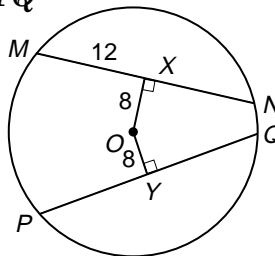


## Practice

Student Edition  
Pages 459–465**Arcs and Chords**

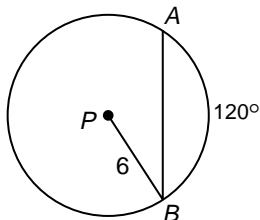
In each figure,  $O$  is the center. Find each measure to the nearest tenth.

1.  $m\widehat{BC}$ 2.  $YQ$ 

3. Suppose a chord of a circle is 16 inches long and is 6 inches from the center of the circle. Find the length of a radius.

4. Find the length of a chord that is 5 inches from the center of a circle with a radius of 13 inches.

5. Suppose a radius of a circle is 17 units and a chord is 30 units long. Find the distance from the center of the circle to the chord.

6. Find  $AB$ .7. Find  $AB$ 